

BERNHARDT 5-07N-14A-L WELL LOCATION CERTIFICATE

N ¼ COR. SEC. 18
2 ½" ALUM. CAP
PLS 24305, 2011

NW COR. SEC. 18
¾" ALUM. CAP
PLS 31159, 2016

NE COR. SEC. 18
¾" ALUM. CAP
LS 13155, 1986

SURFACE LOCATION:
GROUND ELEVATION=4739'
NAD83
LATITUDE:40.317453° N
LONGITUDE:104.828432° W

TOP OF PRODUCTION ZONE LOCATION:
NAD83
LATITUDE:40.314648° N
LONGITUDE:104.830244° W

BOTTOM OF PRODUCTION ZONE LOCATION:
NAD83
LATITUDE:40.315128° N
LONGITUDE:104.866018° W

BOTTOM HOLE LOCATION:
NAD83
LATITUDE:40.315133° N
LONGITUDE:104.866376° W

NOTES:
BH LOCATION PROVIDED BY CLIENT.
LAND SURFACE USE-IRRIGATED CROP
SEE LOCATION DRAWING FOR ADDITIONAL
IMPROVEMENTS WITHIN 500'

PDOP=1.3
GPS OPERATOR: AARON RIVERA

S ¼ COR. SEC. 18
¾" ALUM. CAP
PLS 34176, 2008

E ¼ COR. SEC. 18
¾" ALUM. CAP
PLS 10734, 2003

CULTURAL DISTANCES:
BUILDING: ±582' NE
BUILDING UNIT: ±1136' NE
HIGH OCCUPANCY BUILDING UNIT: ±5280' NW
DESIGNATED OUTSIDE ACTIVITY AREA: ±5280' SW
PUBLIC ROAD: ±341' W
ABOVE GROUND UTILITY: ±319' W
RAILROAD: ±480' NW
PROPERTY LINE: ±356' W
SCHOOL FACILITY: ±2966' NW
SCHOOL PROPERTY LINE: ±2770' NW
CHILD CARE FACILITY: ±5280' NW

18

TPZ: 1658' FNL
150' FEL } T4N, R67W

460' BUFFER

W ¼ COR. SEC. 18
¾" ALUM. CAP
PLS 10855, 1997

R67W

BASIS OF BEARINGS
(SEE NOTE 2)

N00°01'18"E 2687.47'

R66W

No.2

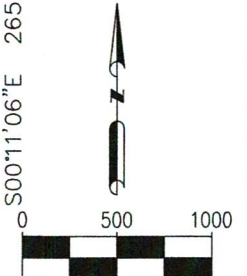
No.1

SW COR. SEC. 18
¾" ALUM. CAP
PLS 16154, 1999

N89°52'10"W 2562.40'

N89°51'46"W 2641.79'

S00°11'06"E 2654.56'



SCALE: 1" = 1000'

SE COR. SEC. 18
¾" ALUM. CAP
LS 7242, 2000

LEGEND

- = EXISTING MONUMENT
- = CALCULATED POSITION
- = PROPOSED WELL
- ◆ = EXISTING WELL
- ◆ = BOTTOM HOLE
- △ = BOTTOM OF PRODUCTION ZONE
- ▲ = TOP OF PRODUCTION ZONE
- TPZ = TOP OF PRODUCTION ZONE
- BHL = BOTTOM HOLE LOCATION
- BPZ = BOTTOM OF PRODUCTION ZONE

NOTES:

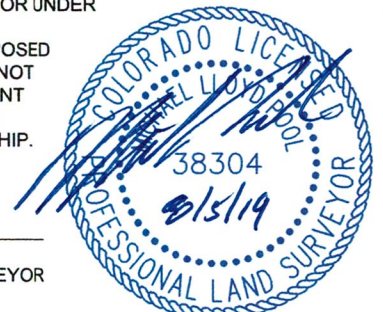
- THIS FIELD SURVEY CONFORMS TO THE MINIMUM STANDARDS SET BY THE C.O.G.C.C., RULE NO. 215
- BEARINGS ARE BASED ON THE ASSUMPTION THAT THE WEST LINE OF THE SOUTHWEST QUARTER OF SECTION 18, BEARS N00°01'18"E BETWEEN THE MONUMENTS SHOWN HEREON.
- ALL DISTANCES AND BEARINGS SHOWN HEREON ARE GROUND VALUES AS GPS MEASURED IN THE FIELD, WITH TIES TO WELLS MEASURED PERPENDICULAR TO SECTION LINES. THIS LOW DISTORTION PROJECTION (LDP) IS BASED ON THE NORTH AMERICAN DATUM OF 1983, U.S. SURVEY FOOT WITH A LATITUDE ORIGIN OF 40.304428°N, A CENTRAL MERIDIAN LONGITUDE OF 104.773161°W, AND A SCALE FACTOR ON THE CENTRAL MERIDIAN OF 1.000224 (EXACT). THE LDP BASIS OF BEARINGS IS GEODETIC NORTH.
- FIELD VERIFICATION OF MONUMENTS COMPLETED ON 11-1-16 THRU 11-2-16, EXCEPT NORTH LINE OF SECTION 13 COMPLETED ON 3-7-17.

NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THIS SAID DATE OF THIS CERTIFICATION SHOWN HEREON.

WELL BERNHARDT 5-07N-14A-L TO BE LOCATED 638' FNL & 356' FWL

SURVEYOR IN THE STATE OF COLORADO DO HEREBY CERTIFY TO **SRC ENERGY, INC.**, THAT THE SURVEY AND WELL LOCATION CERTIFICATE SHOWN HEREON WERE DONE BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THE DRAWING SHOWN HEREON ACCURATELY DEPICTS THE PROPOSED LOCATION OF THE WELL. THIS CERTIFICATE DOES NOT REPRESENT A LAND SURVEY PLAT OR IMPROVEMENT SURVEY PLAT AS DEFINED BY C.R.S. 38-51-102 AND CANNOT BE RELIED UPON TO DETERMINE OWNERSHIP.

MICHAEL L. POOL, PLS 38304
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC



SHEET 1 OF 3

FIELD DATE:
11-10-16

DRAWING DATE:
08-02-19

BY:
DNS

CHECKED BY:
JW

WELL NAME:
BERNHARDT 5-07N-14A-L

SURFACE LOCATION:

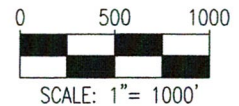
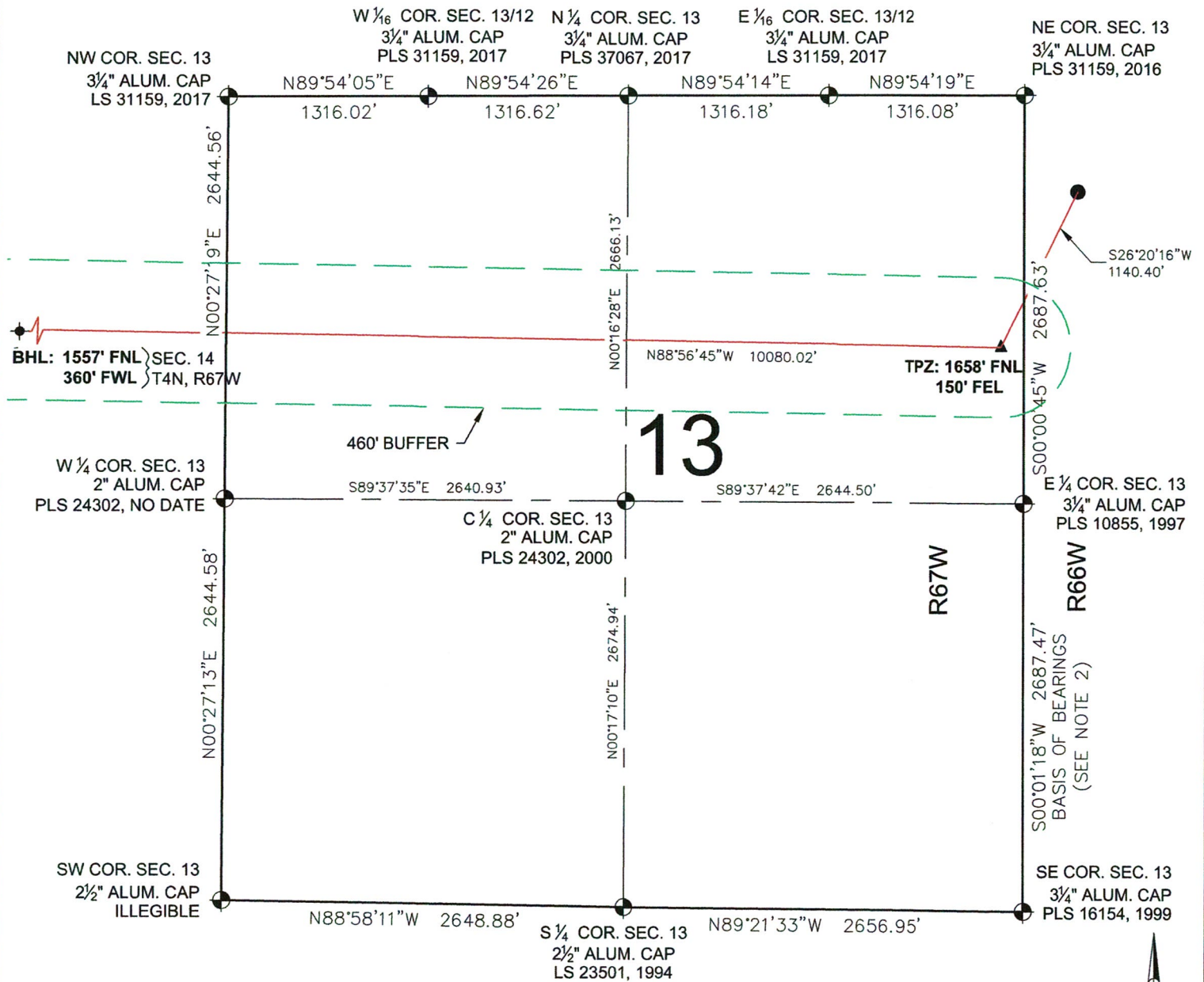
LOT 2 NW ¼ SEC. 18, T4N, R66W, 6TH P.M.
WELD COUNTY, COLORADO

PREPARED FOR:



SRC ENERGY

BERNHARDT 5-07N-14A-L WELL LOCATION CERTIFICATE



LEGEND

- ⊕ = EXISTING MONUMENT
- = CALCULATED POSITION
- = PROPOSED WELL
- ◆ = EXISTING WELL
- ⬮ = BOTTOM HOLE
- △ = BOTTOM OF PRODUCTION ZONE
- ▲ = TOP OF PRODUCTION ZONE
- TPZ = TOP OF PRODUCTION ZONE
- BHL = BOTTOM HOLE LOCATION
- BPZ = BOTTOM OF PRODUCTION ZONE

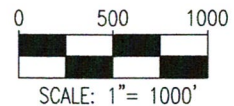
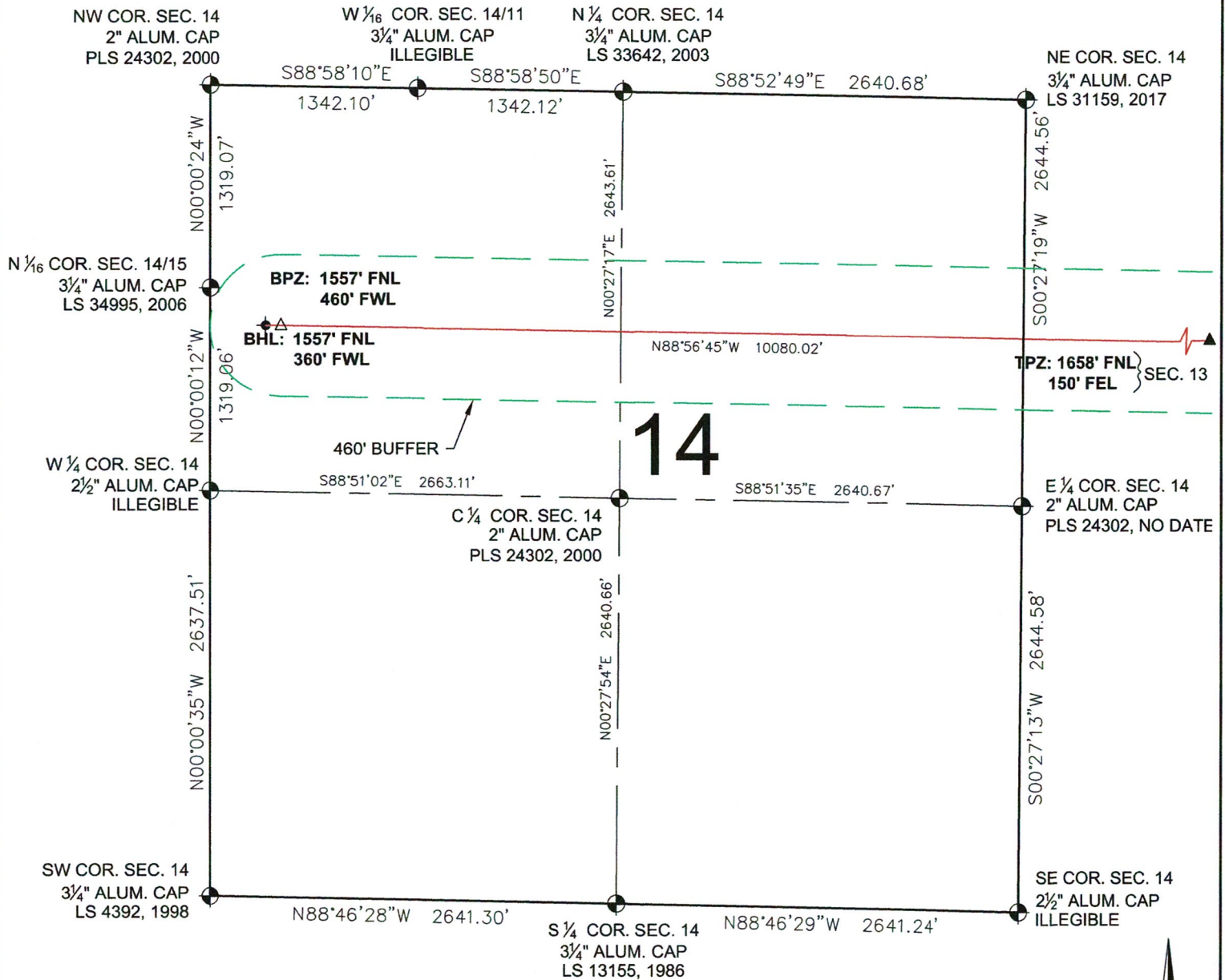
MICHAEL L. POOL, PLS 38304
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC



SHEET 2 OF 3

PREPARED BY: 8620 Wolff Court Westminster, CO 80031 (303) 928-7128 www.ascentgeomatics.com	FIELD DATE: 11-10-16 DRAWING DATE: 08-02-19 BY: DNS	WELL NAME: BERNHARDT 5-07N-14A-L SURFACE LOCATION: LOT 2 NW 1/4 SEC. 18, T4N, R66W, 6TH P.M. WELD COUNTY, COLORADO	PREPARED FOR: SRC ENERGY
--	---	---	---

BERNHARDT 5-07N-14A-L WELL LOCATION CERTIFICATE



LEGEND

- | | |
|-------------------------|---------------------------------|
| ⊙ = EXISTING MONUMENT | △ = BOTTOM OF PRODUCTION ZONE |
| ○ = CALCULATED POSITION | ▲ = TOP OF PRODUCTION ZONE |
| ● = PROPOSED WELL | TPZ = TOP OF PRODUCTION ZONE |
| ◆ = EXISTING WELL | BHL = BOTTOM HOLE LOCATION |
| ⬤ = BOTTOM HOLE | BPZ = BOTTOM OF PRODUCTION ZONE |

MICHAEL L. POOL, PLS 38304
COLORADO LICENSED PROFESSIONAL LAND SURVEYOR
FOR AND ON BEHALF OF P.F.S., LLC



SHEET 3 OF 3